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13 FEB 1964

MEMORANDUM FOR: Deputy Director (Science and Technology)

SUBJECT: Reporting on Reconnaissance Missions  
for the Special Group

1. As indicated in the attachment several types and methods of reporting for the Special Group can be done at the time intervals shown. For routine reporting, OSI, OSA, and OEL recommend that the briefing procedure be followed on a mission by mission basis at approximately ten days after completion of a mission. Where areas of lesser importance than China are concerned, a wrap-up briefing of a series of missions could be presented instead of briefing on each mission separately. In the event of loss of a mission aircraft, a briefing could be presented as early as the second or third day after the mission and then supplemented by a further briefing within 7 to 10 days when the bulk of field reaction data would be available.

2. If it is decided that a hard cover report is to be prepared for the Special Group, then the offices recommend quarterly reporting for [ ] missions and aperiodic reporting summarizing specific series of missions run elsewhere. Such reports would summarize the data of interest to the Special Group but would not burden them with unnecessary detail.

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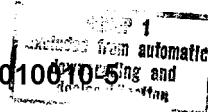
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OSI/DSD/ADB: [ ] (12 Feb 64)

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Reports on High Altitude Reconnaissance Missions  
to the Special Group.

1. In addition to the internal reporting on high altitude missions by OSI/DSD to OSA, it has been proposed by the DD/S&T that reports on the results of these missions be rendered to the Special Group on a periodic basis. This memorandum establishes recommendations for the types and format of reports that could be provided based upon the time interval established by the receipt of the various inputs taken from these high altitude missions.

2. In general several methods of reporting are possible. The first of these would be in the form of a briefing presented to the Special Groups within 2 or 3 days following each mission. The briefing would include a description of: the purpose of the mission, the mission route, types of targets covered, weather conditions, air defense reaction encountered, new or unusual ELINT signals intercepted, and a preliminary estimate of the degree of success of the mission. This method is proposed only in the event of loss of aircraft or other significant factor requiring earliest reporting.

3. The second method of reporting would be either a briefing or a hard cover report submitted in writing ten days following each mission and would include: a description of the purpose of the mission, the types of targets covered and the operational considerations involved; a general statement of weather conditions experienced, percentage of scheduled targets covered and, an estimate of the degree of success of the mission; a preliminary analysis of the air defense reactions against a given mission, and of the SIGINT and photographic take. The format for this type of report would include a written summary of OSI/DSD's preliminary analysis of inputs available to date, supplemented by appropriate charts and copies of significant photographs obtained by the mission. (See attachment #1 for sample outline of this type of report).

4. The third alternate method of reporting proposed for submission to the special group would be a 60-75 day report on each mission. This report would follow essentially the same format and include the same information in somewhat more detail than in the 10-day report, and would include in addition:

NPIC. The timing and detail possible does not suggest the alternate (briefing) approach. (See NOTE to attachment #1 for a sample outline of this type of report).

5. The fourth alternate method of reporting recommended is a quarterly summary of analysis of all high-altitude reconnaissance missions flown in a given area during the previous quarter. This report would be submitted to the Special Group within ten days following each quarter and would include a compilation of the highlights derived from each mission conducted during the time period in question. This report would generally include: a written summary of significant highlights derived from all missions conducted during the quarter; a graphic schedule of dates of missions and specific areas covered; an appendix including a brief summary of analysis of each mission supplemented by a chart of the mission route and points of interest and copies of photos of new or significant installations covered by the mission. In the event of a series of missions in an area other than China, a series wrap-up could be submitted in lieu of inclusion in the quarterly report. The quarterly (or series) report format could be handled by a briefing rather than a report if preferred. (See attachment #2 for a sample outline of this reporting format).

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Mission Analysis Report (10 Day)

1. Summary of results
2. Background
  - a. Mission planning, route scheduling and priority target selection.
  - b. Degree of mission success.
  - c. Elements effecting mission take i.e.: weather, time, operational considerations, etc.

3. Analytical findings

a. Air Defense Reactions

1. [REDACTED]
2. [REDACTED]
3. [REDACTED]
4. [REDACTED]
5. [REDACTED]

b. [REDACTED]

1. [REDACTED]
2. [REDACTED]
3. [REDACTED]
4. [REDACTED]
5. [REDACTED]

c. Preliminary Photographic Analysis

1. Newly discovered installations of significance.
2. Operational status of SAM sites, and fighter air fields covered.
3. Degree of activity at R & D and/or weapon production facilities covered.
4. Evaluation of quality of photography of above installations.

Attachments

- a. Chart of mission route.
- b. Chart of SA-2 and jet fighter reaction locations.
- c. Chart of new or unusual ELINT intercepts.
- d. Chart showing location of newly identified installations.
- e. Copies of photographic prints of new or significant installations.

NOTE: For 60 day report, format would be same as above with the following additions.

1. [REDACTED]
2. Analysis of final photographic interpretation report as reflected in MCI published by NPIC.
3. Chart reflecting actual mission route as obtained from photo-track.
4. [REDACTED]
5. A statement of additional ELINT findings obtained from OEL/[REDACTED] analysis of mission ELINT tapes.

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ATTACHMENT #1

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Quarterly Report of High Altitude Reconnaissance Missions

1. Composite Summary of highlights from all missions.
  - a. Geographic area covered.
  - b. Percentage of planned targets covered.
  - c. Factors effecting mission scheduling and route planning.
  - d. Operational considerations.
  - e. Reaction to mission flights.
  - f. New developments derived from analysis.
  - g. Degree of success of the mission series.
2. Analytical results of each mission.
  - a. 
  - b. 
  - c. 
  - d. 
  - e. 
  - f. Photographic findings of targets covered.
  - g. New installation discovered in photography.
3. Graphics
  - a. Table showing schedule of missions by area and date.
  - b. Chart showing mission route flown, points of SAM and/or fighter reactions, locations of newly discovered installation of interest.
  - c. Copies of selected photographs obtained by each mission.

ATTACHMENT #2

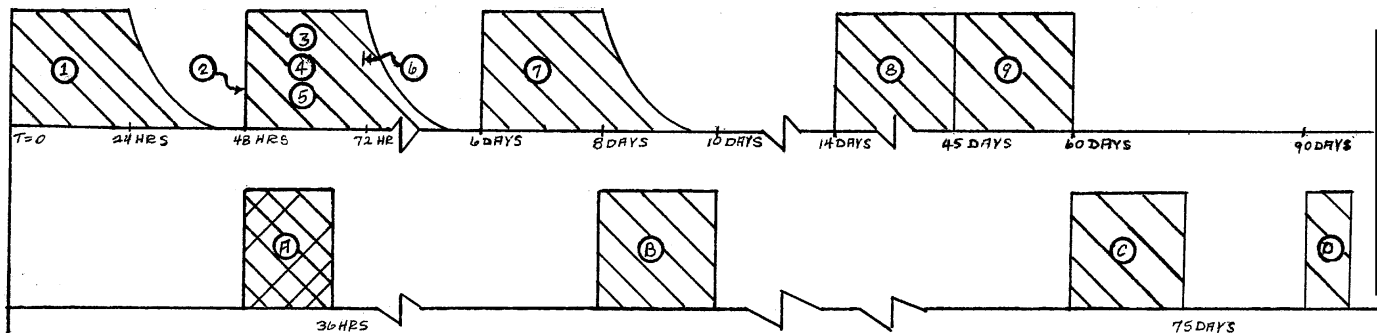
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1. Tracking and Reaction Reports: Approved For Release 2006/01/30 : CIA-RDP77B00403R000100010010-5  
and [ ] Flash Messages: New or significant signals - [ ]  
2. Pilot's Report: Visual sightings, deviations, reactions, cloud cover. - [ ]  
3. [ ] 25X1A  
4. [ ] Final analysis [ ] tapes P, L, S and X bands, including System VI and System XII  
and planned routs. - NSA 25X1A  
5. Developed film package: Received by NPIC [ ] via Rochester.  
6. [ ] and overlay of planned route: Reproduced tapes and overlay received by [ ] 25X1A  
7. IPIR: Immediate PI Report of Mission. - NPIC  
8. [ ] (High priority needed for times shown)  
9. MCI: Mission Coverage Index - Finalized PI report; Mission Plot - Route flown determined from  
photography.



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**This Document Contains Codeword Material**

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